

FLAT STEEL BARS @ 4" O.C. NO PERPENDICULAR SUPPORT BARS ALLOWED FOR STRUCTURES LESS THAN 84" DIA.

HOT-DIPPED GALVANIZED GRATE IN 2 SECTIONS WITH HEAVY DUTY HINGES ABLE TO SUPPORT 250 LBS/SF AND BE ABLE TO REMOVE ONE SECTION FOR ACCESS TO STEPS BY REMOVING NUTS FROM TWO ANCHOR BOLTS. SUBMIT SHOP DRAWINGS TO ENGINEER FOR REVIEW PRIOR TO FABRICATION.

MANHOLE STEPS SHALL BE PLACED SO THAT LOCATION IS PERPENDICULAR TO THE BARS.

MANHOLE STEPS, NEENAH R1981J OR EQUAL, 16"

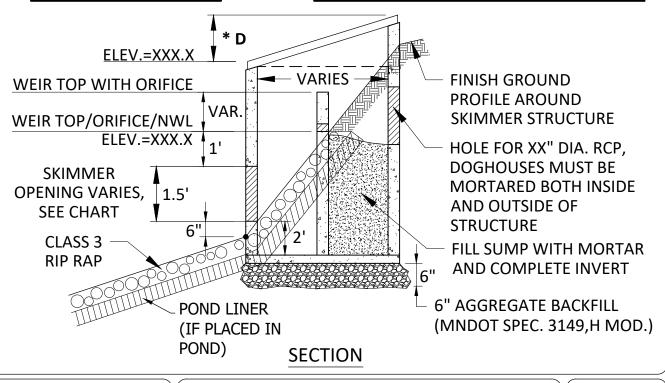
MAX ON CENTER. ALUMINUM STEPS APPROVED.

## **GRATE DETAIL**

MANHOLE	SKIMMER
DIAMETER	OPENING
4'	3'x1.5'
5'	4.5'x1.5'
6'	6'x1.5'

SEE STORM SEWER SCHEDULE FOR SPECIFIC WEIR WALL. SEE STORM SEWER SHEETS FOR SPECIFIC STRUCTURE ELEVATIONS.

DIAMETER	* <b>D</b> (TOP OF STRUCTURE SLOPE)
48" DIA	9" OR 18"
>48" DIA	12" OR 24"





STANDARD DETAILS
STANDARD SKIMMER STRUCTURE
WITH WEIR WALL
COTTAGE GROVE, MINNESOTA

JANUARY 2022

PLATE NO.

STO - 23